

Title (en)  
GENERATING IMAGES

Publication  
**EP 0318291 A3 19910130 (EN)**

Application  
**EP 88311143 A 19881124**

Priority  
US 12566287 A 19871125

Abstract (en)  
[origin: EP0318291A2] Image rendering time for an  $N \times N$  pixel display is reduced from the order of  $N^2$  to the order of  $M^2 + T_i$ , where  $M$  is the size of an  $M \times M$  matrix into which an image is rendered from a 3-D surface definition and  $M \times N$ , and where  $T_i$  is the interpolation time required to magnify the  $M \times M$  matrix into an  $N \times N$  matrix. Thus, it is possible to optimize image resolution versus rendering time.

IPC 1-7  
**G06F 15/62**

IPC 8 full level  
**A61B 8/14** (2006.01); **A61B 5/055** (2006.01); **A61B 6/03** (2006.01); **G06T 15/00** (2011.01); **G09G 5/36** (2006.01); **H04N 1/393** (2006.01)

CPC (source: EP)  
**G06T 15/00** (2013.01)

Citation (search report)

- [YD] EP 0182237 A2 19860528 - GEN ELECTRIC [US]
- [YD] EP 0216156 A2 19870401 - GEN ELECTRIC [US]
- [A] EP 0204225 A2 19861210 - GEN ELECTRIC [US]

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EP0434508A1; FR2656129A1; US5241471A; EP0432072A1; FR2655451A1; US5612714A

Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
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